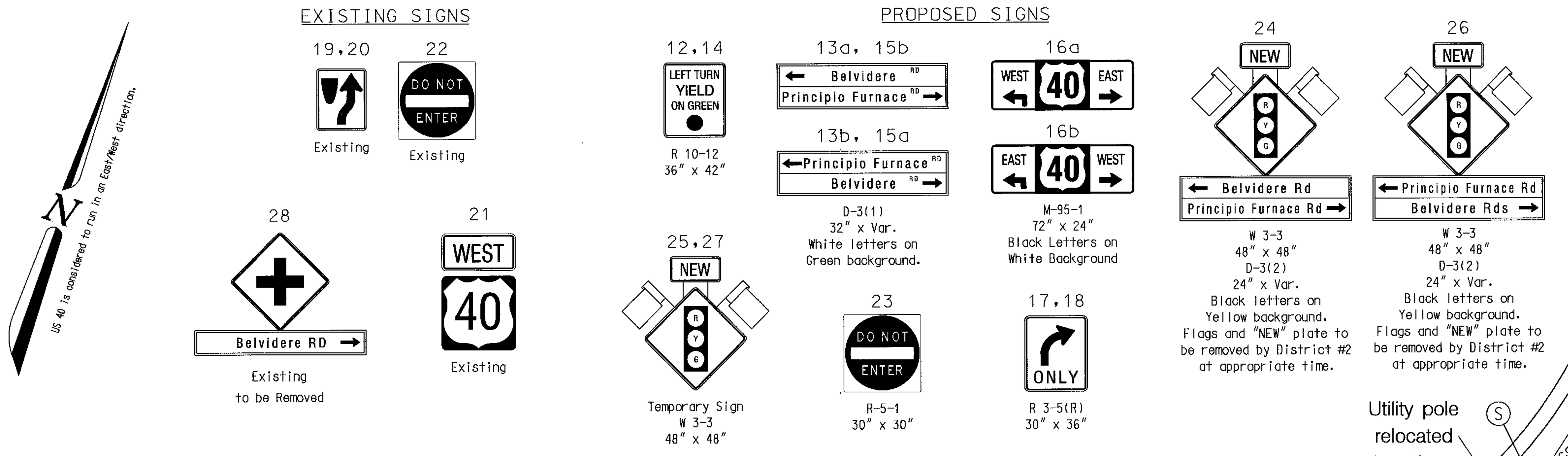
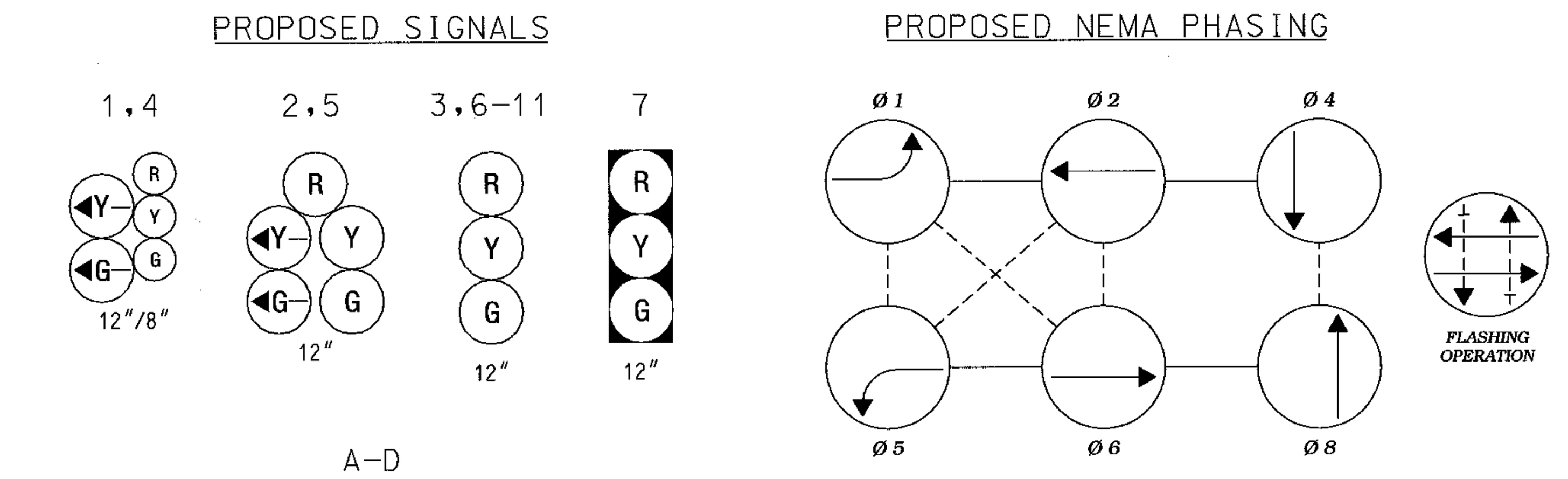
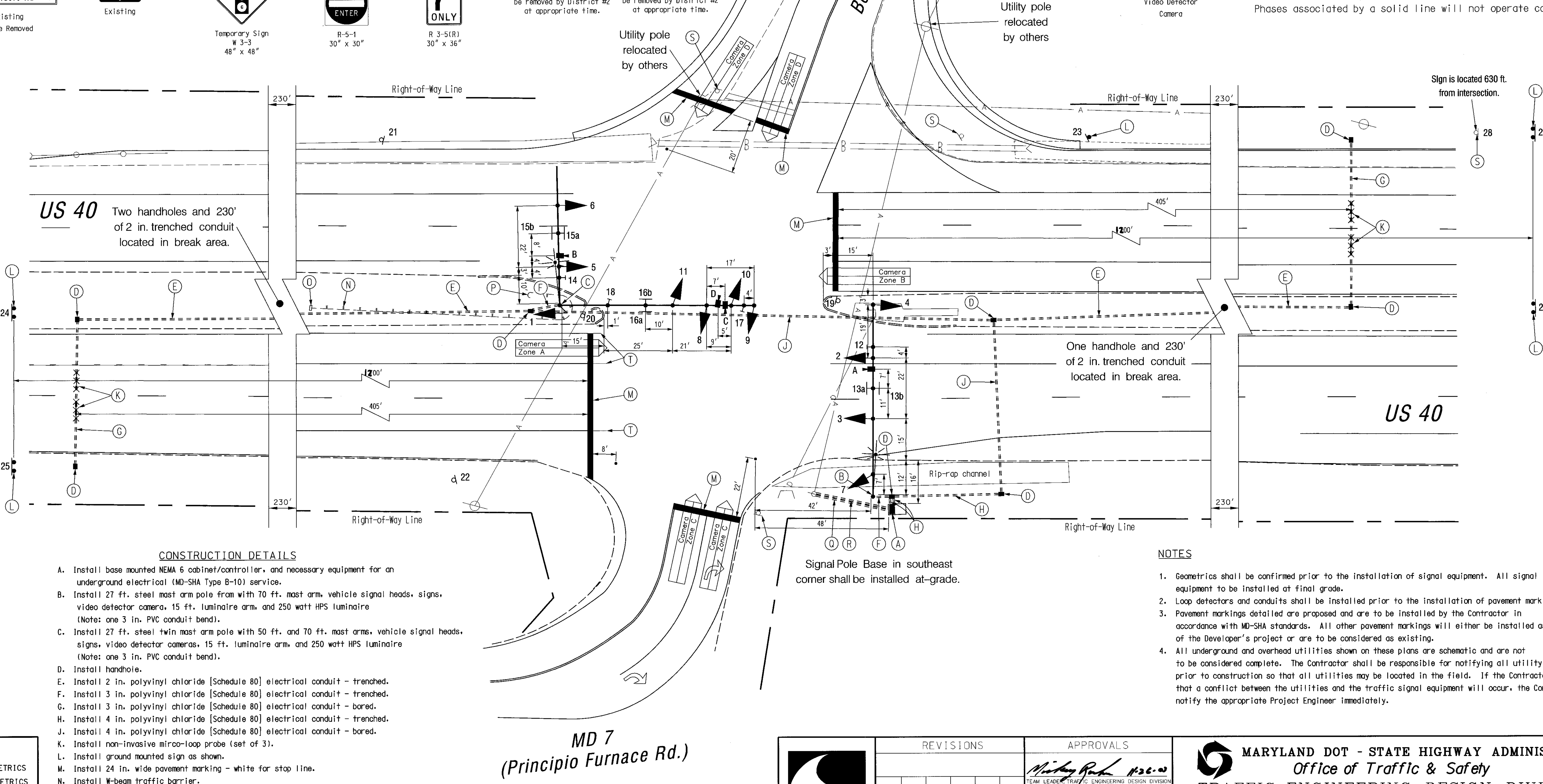




NEMA notes:
Phases associated by a dashed line will operate concurrently.
Phases associated by a solid line will not operate concurrently.



CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical (MD-SHA Type B-10) service.
B. Install 27 ft. steel mast arm pole from with 70 ft. mast arm, vehicle signal heads, signs, video detector camera, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel twin mast arm pole with 50 ft. and 70 ft. mast arms, vehicle signal heads, signs, video detector cameras, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
D. Install handhole.
E. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
F. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
H. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
K. Install non-invasive mirco-loop probe (set of 3).
L. Install ground mounted sign as shown.
M. Install 24 in. wide pavement marking - white for stop line.
N. Install W-beam traffic barrier.
O. Install Type-C end treatment.
P. Install Type-I end treatment.
Q. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit for proposed underground electrical service by BGE.
R. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit for proposed phone drop.
S. Remove existing ground mounted sign.
T. Remove existing pavement marking by grinding.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

- EXISTING GEOMETRICS
- PROPOSED GEOMETRICS

UTILITY LEGEND

- G — G GAS MAIN
- W — W WATER MAIN
- S — S SEWER MAIN
- E — E ELECTRIC CABLES
- D — D STORM DRAIN
- A — A AERIAL CABLES
- T — T TELEPHONE CABLES

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REVISIONS

APPROVALS
11-26-03
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
12/03/03
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
12/03/03
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
12/3/03
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

US 40 at MD 7(Principio Furnace Rd.) / Belvidere Rd.

DRAWN BY:	J. Storck	F.A.P. NO.	NA	TS NO. 4288	SHEET NO.
CHECKED BY:		S.H.A. NO.	BW996M82		
SCALE:	1" = 20'	COUNTY:	Cecil	T.I.M.S. NO. F823	
DATE:	November 18, 2003	LOG MILE:	07004004.38		1 OF 2

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